

Species Tag:	29001	Species Name:	C-13-O
Version:	3		Carbon monoxide,
Date:	Aug. 1997		<sup>13</sup> C isotope
Contributor:	H. S. P. Müller		
Lines Listed:	60	Q(300.0)=	113.858
Freq. (GHz) <	6468	Q(225.0)=	85.463
Max. J:	60	Q(150.0)=	57.077
LOGSTR0=	-16.5	Q(75.00)=	28.702
LOGSTR1=	-16.5	Q(37.50)=	14.520
Isotope Corr.:	-1.955	Q(18.75)=	7.434
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	3.899
$\mu_a$ =	0.11046	A=	
$\mu_b$ =		B=	55101.011
$\mu_c$ =		C=	

The experimental measurements were reported by (1) M. Winnewisser, B. P. Winnewisser, and G. Winnewisser, in 1985, "Molecular Astrophysics, Series C" (G. H. F. Dierksen, W. F. Huebner, and P. W. Langhoff, Eds.), Vol. 157, pp. 375 – 402. Reidel, Dordrecht. The dipole moment and dipole centrifugal corrections are taken from (2) D. Goorvitch, 1994, *Astrophys. J. Suppl.* **95**, 535. Additional rotational lines up to R(60) from (2) were included in the fit.